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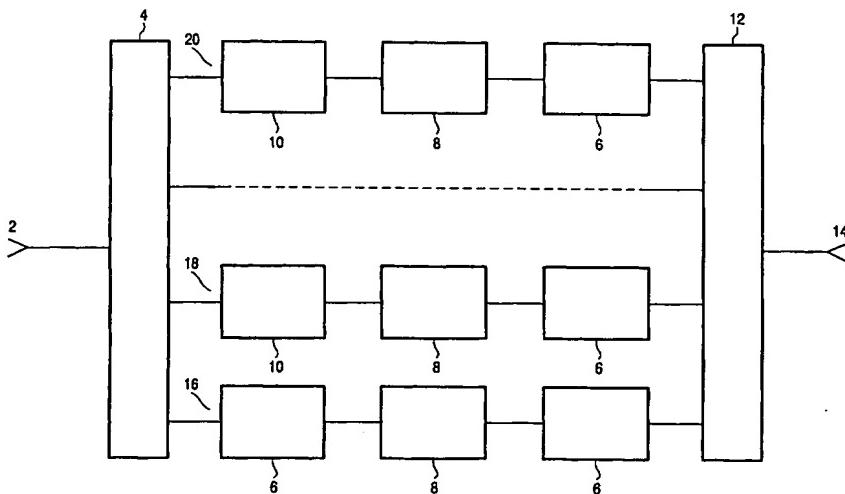
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(54) Title: PREDISTORTION LINEARIZING



(57) Abstract: A method for a predistortion linearization of a branched signal for a RF amplifier, comprising supplying a branched signal to at least one input terminal (2); distributing power of the input signal present on at least one input terminal (2) to a plurality of parallel branch-circuits (16, 18, 20) as a branched signals by a power distributing circuit (4); controlling a phase parameter and an amplitude parameter of the branched signals by at least one nonlinear branch-circuit (18, 20); controlling a phase parameter and an amplitude parameter of the branched signals by at least one linear branch-circuit (16); combining output branched signals of at least one nonlinear branch circuit (18, 20) with the output branched signals of at least one linear branch circuit (16) by a power combining circuit (12); providing an output branched signal of the power combining circuit (12) on at least one output terminal (14). Furthermore, a circuit for a predistortion unit linearizing a signal for a RF amplifier and a layout of a predistortion linearization of a signal for a RF amplifier are disclosed.